AUTHOR INDEX TO VOLUME 54

Abraham, J., 999
Abraham, J. P., 763
Al-Azmi, B., 665
Ali, M. E., 93
Amahmid, A., 1042
Ameziani, D. E., 47
Aminossadati, S. M., 726
Anand, N. K., 109
Anders, J. W., 999
Ayyappan, T., 221

Barrets Orlande, H. R., 1085
Belghith, A., 315
Bennacer, R., 47, 315
Benne, K. S., 235
Bessaïh, R., 331
Biswas, G., 890
Blackwell, N. E., 130
Bouabdellah, S., 331
Bouhadef, K., 47
Bourich, M., 1042
Bubnovich, V., 255
Bueno Caldeira, A., 1085

Cavazzuti, M., 603
Cesar, H. C. F., 581
Chang, J.-J., 507
Chang, S.-M., 367
Chen, J. K., 1
Chen, W.-L., 945
Chen, Y.-J., 426
Corticelli, M. A., 603

da Silva, A. K., 20
de Lemos, M. J. S., 151, 1022
Dalal, A., 890
Das, R., 983
Dass, A., 67
Deng, Q.-H., 507
Dewan, A., 67

Eghtesad, M., 744
Er-Raki, M., 1042
Eswaran, V., 962

Facão, J., 933
Fischer, C., 1022

Ghasemi, B., 726
Golbahar Haghighi, M. R., 744
Gosselin, L., 20, 349
Graminho, D. R., 151

Hakyemez, E., 197
Hashim, I., 647
Hasnaoui, M., 1042
Ho, C.-D., 709
Homan, K. O., 235
Hong, Z.-C., 293
Hsieh, C.-T., 625
Hu, H. G., 34
Huang, J.-W., 709
Huang, M.-J., 625
Huang, P.-C., 426
Hwang, M.-L., 819

Jaluria, Y., 915
Jayavel, S., 777
Jen, T.-C., 451
Jeng, T.-M., 178
Jo, S., 1101

Kalab Leiroz, A. J., 1085
Khanafer, K., 665
Kim, C., 367
Kim, H. Y., 1101
Kim, Y.-Y., 406
Kiwan, S., 93
Ko, M., 109
Kumar, D. S., 837
Kumar, P., 962
Kumar, T. B. P., 798

Lallave, J. C., 581
Lee, S. H., 279
Lee, S.-T., 625
Lee, W., 390
Leea, K.-S., 406
Li, Q., 686
Li, Y.-S., 1061
Liao, Q., 451
Liu, G. R., 1121
Luo, Y.-Y., 1061

Magi, V., 999
Malekzadeh, P., 744
Mamou, M., 1042
Marafie, A., 665
Mashayek, F., 569
Mishra, S. C., 525, 546, 798, 983
Mobedi, M., 197
Mondal, B., 798
Moon, S.-M., 367
Murugesan, K., 837
Muthukumaran, R., 525, 546

Necsulescu, D. S., 744
Noto, K., 866

Oliveira, A. C., 933
Oueslati, F. S., 315
Öztop, H. F., 197

Pathak, M., 67

Rahli, O., 47
Rahman, M. M., 581
Ranjan, R., 890
Reyes, A., 255
Rozati, A., 130
Russell, K., 569

Sammouda, H., 315
Sengupta, K., 569
Shah, M., 1148
Sim, H. S., 279
Siri, Z., 647
Son, G., 390
Sparrow, E. M., 763
Sreedharan, S. S., 130
Suh, Y., 390

Tafti, D. K., 130
Talukdar, P., 1148
Tan, H.-P., 481
Thomas, H. R., 837
Tiwari, S., 777
Tong, J. C. K., 763
Tu, J.-W., 709
Tye-Gingras, M., 349
Tzeng, S.-C., 178

Uppaluri, R., 983

Vafai, K., 665
Vengadesan, S., 221
Villarreal, C., 255

Wang, C.-H., 625
Wu, S. C., 1121

Xie, M., 481

Yang, C.-F., 426
Yang, C.-Y., 293
Yang, Y.-C., 945
Yang, Y.-T., 819
Yen, Y.-L., 426
Yi, H.-L., 481
Yoo, S.-Y., 915
Yoon, S. S., 1101

Zhan, J.-M., 1061
Zhang, C., 34
Zhang, G. Y., 1121
Zhang, H. O., 1121
Zhang, Y., 1
Zhen, C.-E., 293
Zhou, J., 1
Zhou, S., 686

SUBJECT INDEX TO VOLUME 54

Analysis of Laminar Mixed Convective Heat Transfer in Horizontal Triangular Ducts, 1148
Analysis of the Chimney Natural Convection in a Vertical Porous Cylinder, 47
Analytical and Numerical Study of Combined Effects of a Magnetic Field and an External Shear Stress on Soret Convection in a Horizontal Porous Enclosure, 1042

Bubble Dynamics, Flow and Heat Transferg During Flow Boiling in Parallel Microchannelsõ, 390

Comparative Numerical Study of Freeze Drying of Solution and Spray-frozen Particles in Trays and Vials, 406
Comparison of Mixed Convection in a Square Cavity with an Oscillating versus a Constant Velocity Wall, 726
Computational Design of Microstructural Composites with Tailored Thermal Conductivity, 686
Computational Investigation of the Interaction of Pulses in Two-Pulse Jets, A, 999
Computational Study of Convective Transport in a Coating Applicator for a Non-Newtonian Fluid, 915
Computer Simulation of the Drying of Seeds and Vegetables in a Discontinuous Fluidized Bed, 255
Convective Heat Transfer from a Thick Hemispherical Plate During Free Liquid Jet Impingement, 581
Cooled Vortex Street Generated by Cooling a Cylinder at Low Reynolds Number: Effects of Reynolds Number Difference on Cooled Wake and Cooled Vortex Street, 866
Coupled Numerical Study of Slab Temperature and Gas Temperature in the Walking-Beam-Type Slab Reheating Furnace, A, 625

Distribution of Temperature as a Passive Scalar in the Flow Field of a Heated Turbulent Jet in a Crossflow, 67
Dynamics of a Closed Loop Thermosyphon Incorporating Thermal Storage, 235

Effect of Radiation on Flow in a Conical Diffuser, The, 962
Effects of the Incidence of a Gaussian Temporal Short-Pulse Laser of Different Spatial Profiles on a Two-Dimensional, Rectangular, Inhomogeneous Participating Medium, 525
Effects of Wall Located Heat Barrier on Conjugate Conduction/Natural-Convection Heat Transfer and Fluid Flow in Enclosures, 197
Estimation of the Transient Heat Transfer Rate at the Boundary of an Electronic Chip Packaging, 945
Evolutionary Placement of Discrete Heaters in Forced Convection, 20

Fluid Dynamics and Heat Transfer Analysis of Three Dimensional Microchannel Flows with Microstructures, 293

Heat and Mass Transfer in an Indirect Contact Cooling Tower: CFD Simulation and Experiment, 933

Heat Transfer in a Lid-Driven Enclosure Filled with Water-Saturated Aluminum Foams, 178
Heat Transfer Prediction of Recycle Effect for Improved Device Performance in Cool-Thermal Discharge Systems, 709
Heat-Mass Transfer and Friction Characteristics of Profiled Pins at Low Reynolds Numbers in Miniichannels, 130

Interaction Effects During Combustion of Linear Arrays of Gaseous Fuel Pockets, 1085

Laminar Confined Impinging Jet into a Porous Layer, 151
Lattice Boltzmann Method Applied to the Solution of Energy Equation of a Radiation and Non-Fourier Heat Conduction Problem, 798

Natural Convection in a Rectangular Enclosure with Sinusoidal Temperature Distributions on both Side Walls, 507
Near Slit Effects on the Flow and Heat Tansfer from a Stretching Plate in a Porous Media, 93
New Inundation Correlation for the Prediction of Heat Transfer in Steam Condensers. A, 34
Node-based Smoothed Point Interpolation Method (NS-PIM) for Three-dimensional Thermoelastic Problems, A, 1121
Non-Darcian Effects on the Mixed Convection Heat Transfer in a Metallic Porous Block with a Confined Slot Jet, 665
Non-Fourier Heat Conduction Effect on Laser-Induced Thermal Damage in Biological Tissues, 1
Numerical Investigation on Effects of Inlet Air Temperature on Spray Combustion in a Wall Jet Can Combustor using k-ε Turbulence Model, 1101
Numerical Investigation on Opto-Energy Phenomena in Thin Gold Films Irradiated by Femtosecond Pulse Laser Considering Quantum Effects, 279
Numerical Simulation of Double Diffusive Mixed Convection in a Lid-Driven Square Cavity Using Velocity-Vorticity Formulation, 837
Numerical Simulation of Fluid Flow and Heat Transfer in a Curved Square Duct by using Lattice Boltzmann Method (LBM), 451
Numerical Simulation of Turbulent Fluid Flow and Heat Transfer Characteristics in a Rectangular Porous Channel with Periodically Spaced Heated Blocks, 819
Numerical Study of Flow and Heat Transfer for Flow Past Inline Circular Tubes Built in a Rectangular Channel in the Presence of Vortex Generators, 777
Numerical Study of Fluid Flow and Heat Transfer around a Square Cylinder at Incidence using Unstructured Grids, A, 890
Numerical Study of Heat Transfer of a Porous-Block-Mounted Heat Source Subjected to Pulsating Channel Flow, 426
Numerical Study of Oscillatory Natural Convection During Solidification of a Liquid Metal in a Rectangular Enclosure with and without Magnetic Field, 331

Optimization of Heat Exchanger Enhanced Surfaces through Multiobjective Genetic Algorithms, 603

Parametric Study on the Mixing Enhancement of Parallel

Supersonic-subsonic Wakes Using Wall Cavities, 367

Radiative Transfer of a Short-Pulse Laser Wave of Gaussian Temporal Profile through a Two-Dimensional Participating Medium Containing Inhomogeneities of Different Shapes at Various Locations, 546
Ray Tracing Method for Radiative Heat Transfer in a Two-Layer Anisotropic Scattering Medium, 481

Simultaneous Reconstruction of Thermal Field and Retrieval of Parameters in a Cylindrical Enclosure, 983
Stabilization of Steady and Oscillatory Marangoni Instability in Rotating Fluid Layer by Feedback Control Strategy, 647
Step Geometry and Countercurrent Effects in Dump Combustor: Reacting Flow, 569

Thermal Analysis of an Impinging Jet on a Plate with and without a Porous Layer, 1022
Thermal Resistance Minimization of a Fin-and-Porous-Medium Heat Sink with Evolutionary Algorithms, 349
Thermosolutal Convection During Melting in a Porous Medium Saturated with Aqueous Solution, 315
Three-Dimensional Combined Convective-Radiative Heat Transfer over a Horizontal Backward-Facing Step—A Finite-Volume Method, 109
Three-Dimensional Simulation of Flow Past a Circular Cylinder by Nonlinear Turbulence Model, 221
Two-Dimensional Inverse Heat Transfer Analysis of Functionally Graded Materials in Estimating Time-Dependent Surface Heat Flux, 744

Unified Treatment of Natural Convection in Tall Narrow and Flat Wide Rectangular Enclosures, 763
Unsteady Phenomena in the Double-Diffusive Convection Flows at High Rayleigh Number, 1061